

# The National Storm Water Program

*...Where do we go from here?*

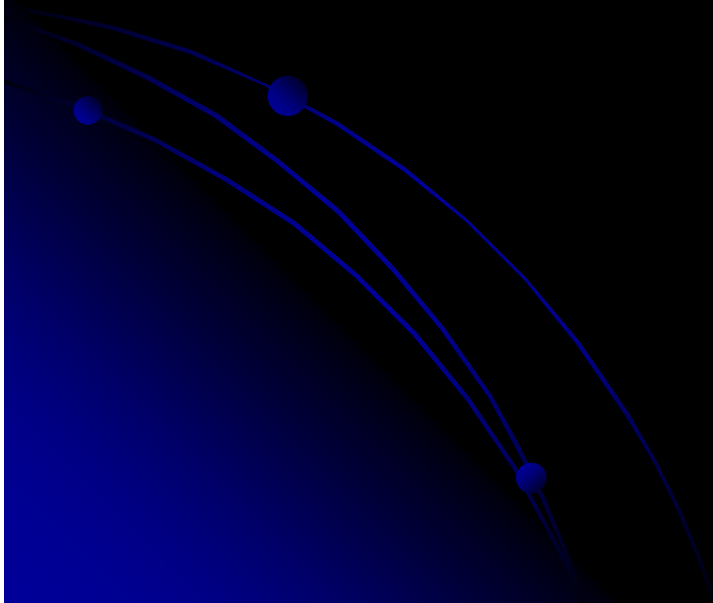
Greg Davis  
EPA Region 8

September 27, 2005



Phase 1 (1990)

Phase 2 (1998)

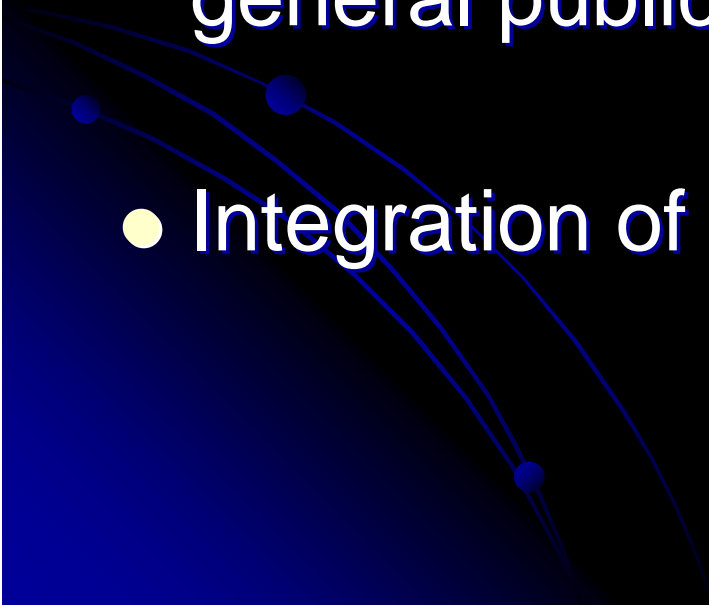








# Where are we now?

- Improved regulatory compliance from construction and industrial sources
  - Recognition of urban impacts by the general public
  - Integration of stormwater as a point source
- 



# Improved Regulatory Compliance

- A combination of outreach efforts and enforcement
  - Regional and National Stormwater Cases
  - Outreach as part of Phase 2



# The message is getting through...




## Does Your Construction Site Need a Stormwater Permit?

A Construction Site Operator's Guide to EPA's Stormwater Permit Program



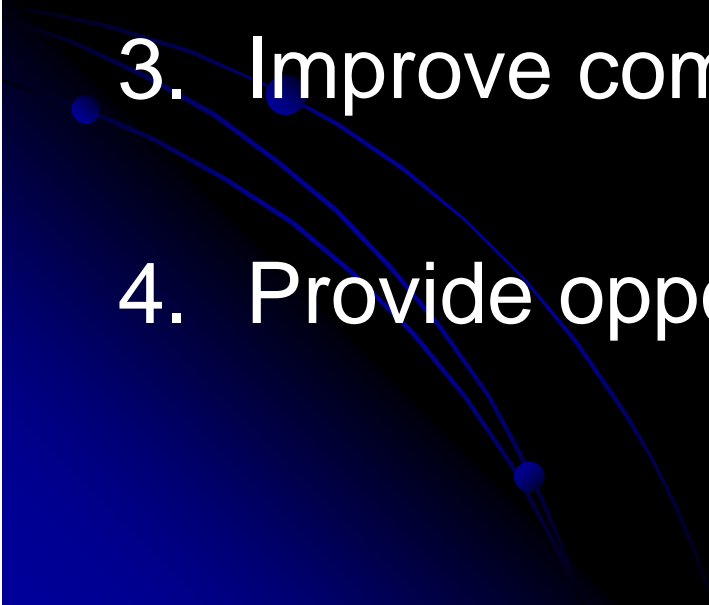


# Where do we go from here?

- Continue to improve regulatory compliance
  - Reduce urban impacts
  - Reverse the trend... working from the ground up
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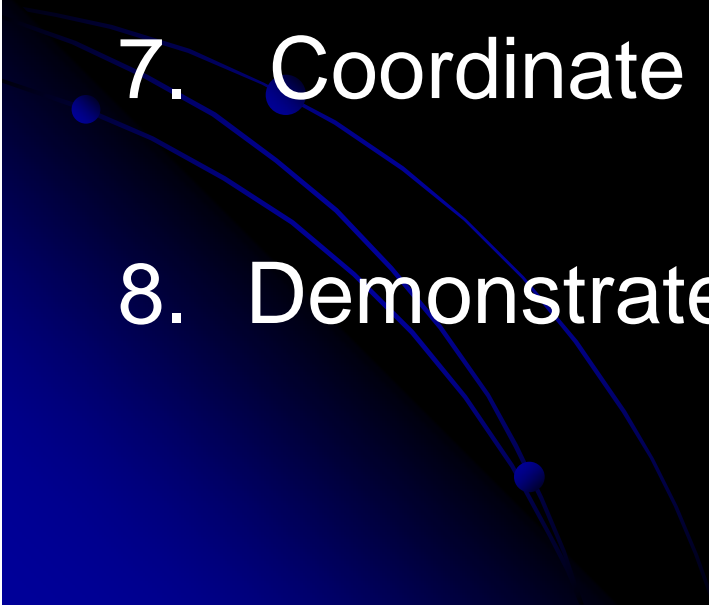


# EPA's National Strategy

1. Integrate program with WQS and TMDLs
  2. Increase general permit oversight
  3. Improve compliance rates
  4. Provide opportunities for public input
- 



# EPA's National Strategy

5. Communicate expectations
  6. Respond to legal and policy challenges
  7. Coordinate and leverage resources
  8. Demonstrate program effectiveness
- 



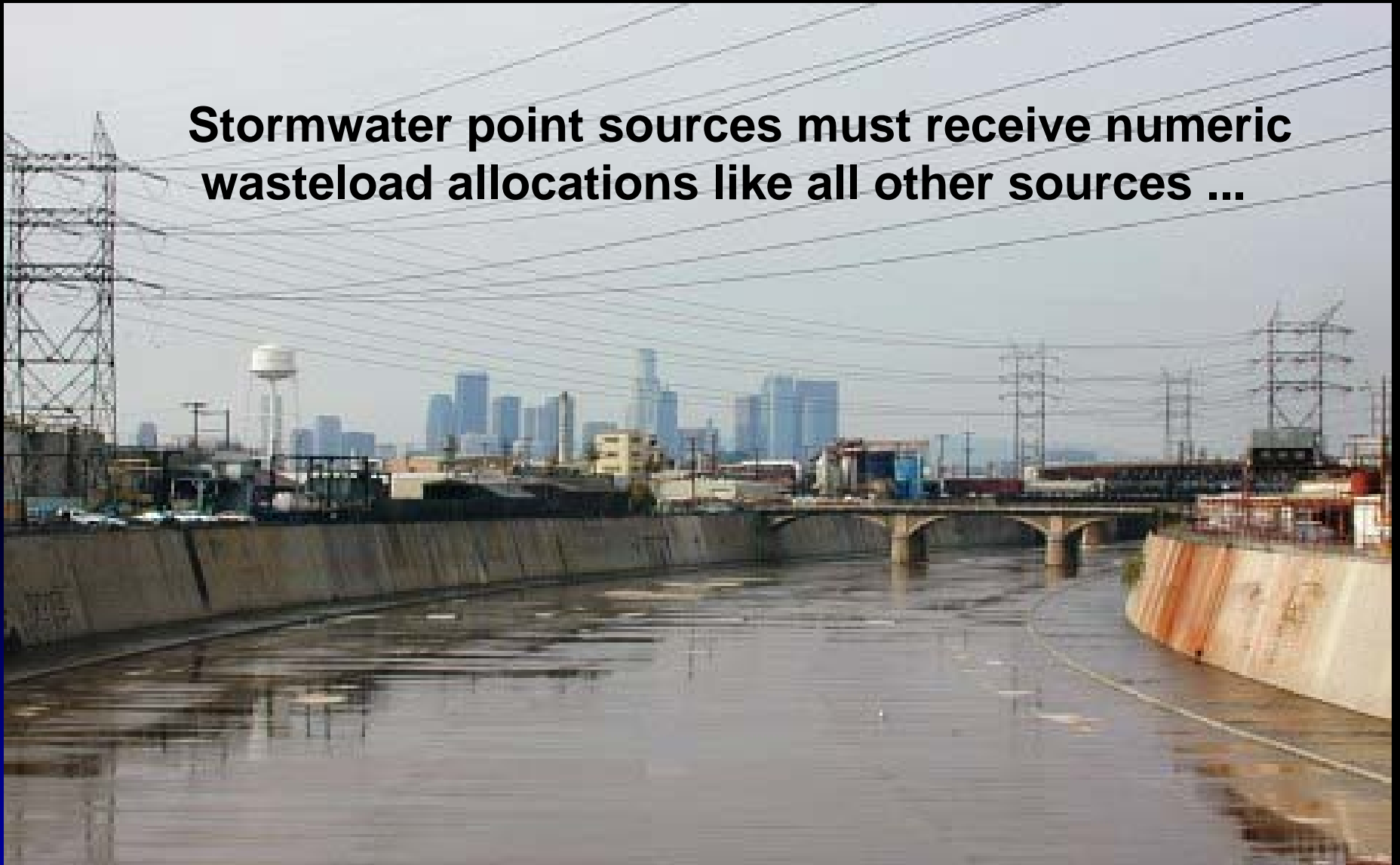
# Reducing Urban Impacts

- Stormwater is a *point source* and its impacts need to be recognized as such
  - Further the development of IDDE
  - Outfall-specific point source controls
  - Use of surrogate measures
  - Integrating stormwater into other programs



## **August 1, 2002... EPA approved the TMDL for the Los Angeles River**

**Stormwater point sources must receive numeric  
wasteload allocations like all other sources ...**





# TMDLs and Stormwater

- **The Los Angeles River Trash TMDL** sets a WLA for all Phase I MS4s.
- **Bee Lake TMDL for Sediment (Mississippi).** Attainment of WLAs through prescribed BMPs
- **Lakes Hood and Spenard TMDL for Fecal Coliform (Wyoming).** This TMDL designates a WLA as a concentration for point sources which includes general industrial storm water permittees



# Improving Regulatory Compliance

- Clarify regulations and enforce more readily
- Improve accountability of permittees
- More effectively evaluate small and large MS4s



# Reversing the Trend

- Leveraging resources by working from the ground up instead of just the top down
  - Local enforcement
  - Review of Projects Prior to Ground Breaking
  - Low Impact Development
  - Watershed-based permitting



# Working from the Ground Up

City of Santa Monica, Municipal Code...

- (h) Urban Runoff Mitigation Plan. A plan which shall be required to be approved in connection with any new development. Any such plan shall achieve twenty percent reduction of the projected runoff for the site.



# Low Impact Development...

## Focusing on the Watershed













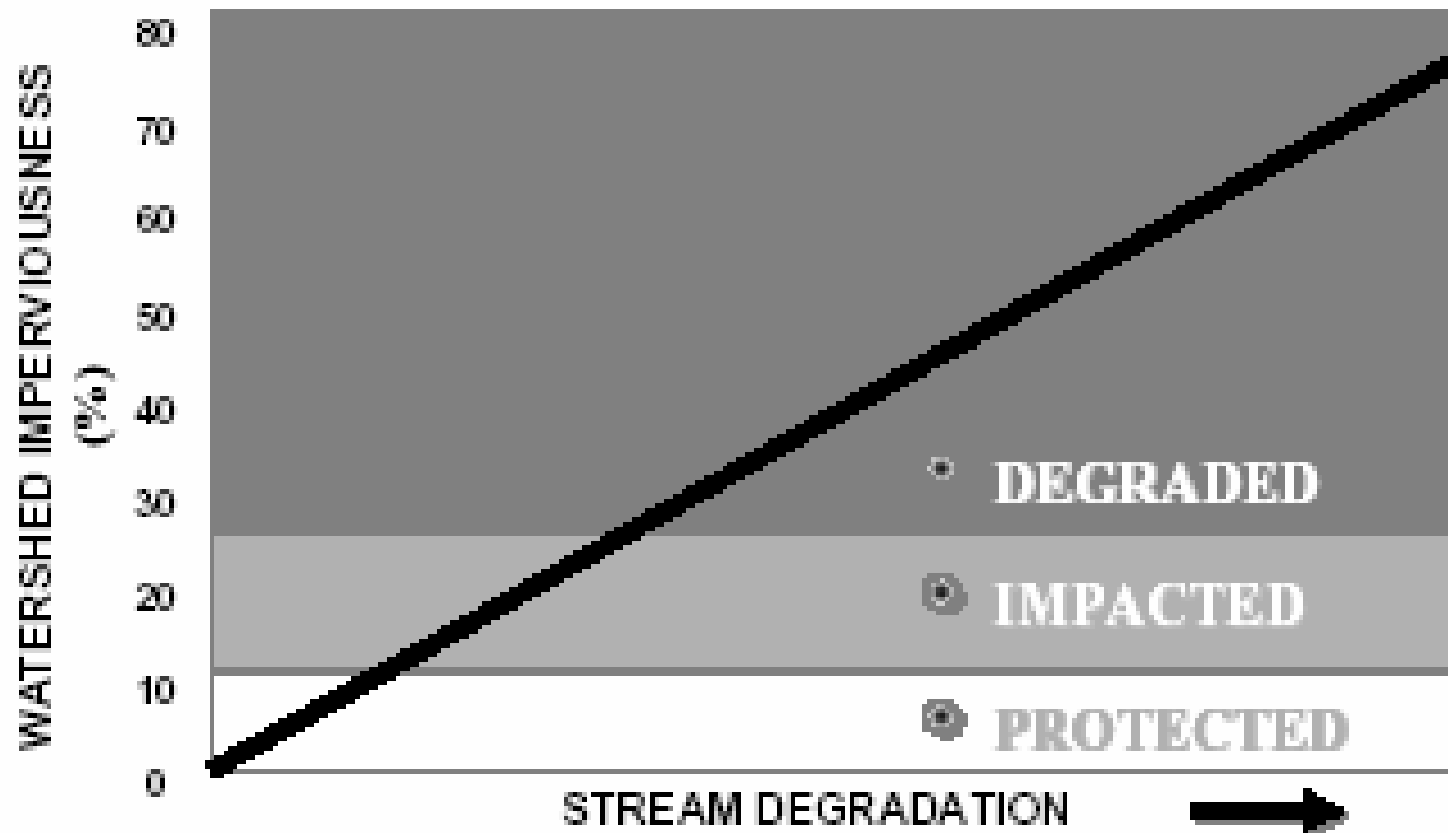






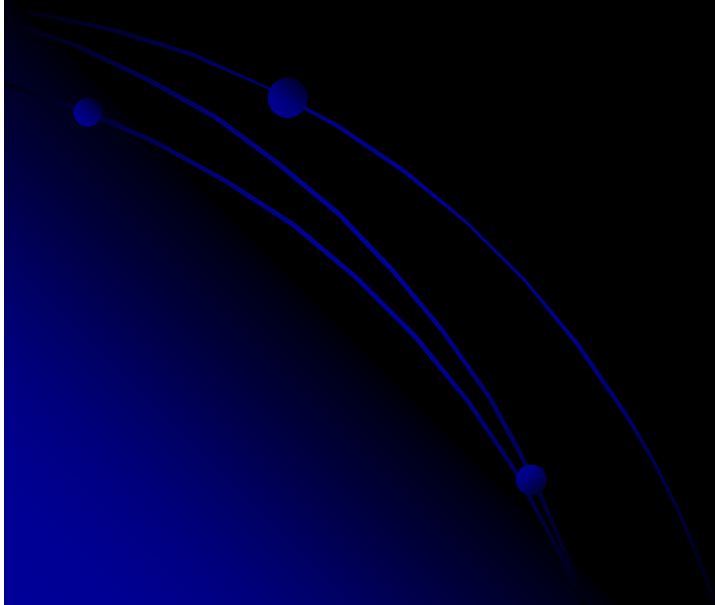


# Waterway Health and Imperviousness





Phase 3?





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